Abstract of the disclosure

Method and apparatus for determining a set of large sequences from an electronic data base

The instant invention relates to a method of and an apparatus for
5   determining a set of large sequences from an electronic data base
comprising a set $D = \{d1,...,dn\}$ of transactions di ($1 \leq i \leq n$) in a
computer system with an implemented query module, each of the large
sequences on the set D of transactions di having a support value
greater than or equal to a given support value S, each of the trans-
10   actions di of the set D being a sequence of items of a record $E =$
$\{e1,...,em\}$ of items ej ($1 \leq j \leq m$). A set Lk ($k>2$) of large sequences
is determined from the set D of transactions, the large sequences of
set Lk each comprising exactly k items of record E in a respective
order R_{LK}, and an associated support value S_{LK} on the sequence D of
15   transactions each being greater than or equal to the given support
value S, and nothing but sequences comprising two of the large se-
quences of set $Lk-1$, as partly overlapping partial sequences, with
the respective order R_{LK-1}, being taken into account in determining
set Lk.